

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/07335

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01M2/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01M B32B B01D C08J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	WO 2004/021499 A (HENNIGE VOLKER ; HOERPEL GERHARD (DE); HYING CHRISTIAN (DE); CREAVIS T) 11 March 2004 (2004-03-11) the whole document -----	1-25
X	WO 91/19326 A (DURACELL INC) 12 December 1991 (1991-12-12) the whole document	11,22,23
A	----- -----	1,2,6, 8-10, 15-18, 24,25

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

19 July 2004

Date of mailing of the international search report

30/07/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Section Ch, Week 199743 Derwent Publications Ltd., London, GB; Class A85, AN 1997-468159 XP002288863 & JP 09 219185 A (SUMITOMO ELECTRIC IND CO) 19 August 1997 (1997-08-19) abstract	11
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A	DATABASE WPI Section Ch, Week 199817 Derwent Publications Ltd., London, GB; Class A17, AN 1998-020805 XP002288864 & JP 10 044348 A (TONEN KAGAKU KK) 17 February 1998 (1998-02-17) abstract	3-5, 10, 11, 24, 25
A	EP 0 951 080 A (CELGARD LLC) 20 October 1999 (1999-10-20) the whole document	1

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Information on patent family members

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